

DELAWARE CONSTRUCTION SPECIFICATION

METAL FABRICATION CS 55

1. SCOPE

The work shall consist of furnishing, fabricating and installing metalwork, including the metal parts of composite structures.

2. MATERIALS

Unless otherwise specified on the drawings, materials shall conform to the requirements of Delaware Material Specification 216. Steel shall be structural quality unless otherwise specified. Castings shall be thoroughly cleaned and subjected to careful inspection before installation. Finished surfaces shall be smooth and true to assure proper fit.

3. FABRICATION

Metal items shall be fabricated to the dimension shown on the drawings. Welded, riveted and bolted joints shall have the strength of the material being secured.

4. ERECTION

The metal shall be erected to the lines, grades and dimensions shown on the drawings.

5. FASTENERS

Fasteners shall be of the grade, size and at the location shown on the drawings.

Riveting, welding, and or bolt tightening shall not be done until the structure is stiffened and properly aligned.

6. PROTECTIVE COATINGS

Items specified to be galvanized shall be completely fabricated for field assembly before the application of the zinc coatings.

Unprotected metal shall be painted.